
DOE Office of High Energy Physics

HEPAP Meeting May 29, 2008

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- **FY 2008 Program**
- **FY 2009 / FY 2010 Budget Request**
- **The HEP Office**

FY 2008 Appropriations (\$689M → 8.4% reduction)

- **Productive Program**

- Tevatron is running well – CDF/D0, MINOS, MiniBooNE
- B-Factory completed successful 4 month run
- LHC and ATLAS/CMS proceeding on schedule
- GLAST to launch in June
- Projects underway: Minerva, T2K, Daya Bay, EXO-200, DES, CDMS-II
- DOE/NASA planning to proceed on JDEM
- DOE/NSF discussing participation in LHC Phase I upgrade
- DOE review for Advanced Plasma Acceleration Facility (APAF)
- 10 OJI awards in FY 2008 (increased \$500k → \$750K)
- ~22 awards (out of 69) Dark Energy R&D (~\$3.8M)

- **Significant impacts**

- Staff reductions at SLAC and Fermilab
- Work on NOvA stopped
- ILC & SRF R&D supported at a minimal level

FY 2008 Supplemental ?

- Senate Passed Supplemental Bill (includes \$45M for HEP)
- House version had no funding for HEP

FY 2008 Meetings/Reviews

June 12-13	US/Japan Meeting (BNL)
June 19-20	LARP Review (LBNL) / CERN Council Meeting
June 24-26	Annual Fermilab S&T Review (FNAL)
June 30	ILC R&D Review (FNAL)
July 1	Last University PR action sent to Chicago
July 7-9	SLAC Review (SLAC)*
July 14	FALC Meeting (Rome)
July 21-23	BELLA/FACET Review (Germantown)
July 23-25	Laboratory Theory Review (Germantown)**
September	Laboratory Accelerator Science Review (Germantown)**

* <u>Rolling HEP Laboratory Reviews</u>			
SLAC	LBNL	BNL	ANL
** <u>Rolling Laboratory Science Reviews</u>			
Theory	Proton Based	Electron Based	
Accelerator Science	Non-Accelerator	Detector R&D	

FY 2008 Budget Request (\$805M → +\$115M over FY 2008 (\$689M))

- **Expectation of 6 month Continuing Resolution (CR)**
 - Tevatron plans to run 6 months into FY 2009
 - LHC program will be supported (but no growth)
 - Some projects will be delayed
 - Still plan to proceed with JDEM selection
 - Continue discussions on participation in LHC Phase I upgrade
 - Advanced Plasma Accelerator Facility project will be delayed
 - Across program – higher priority programs supported
- **Significant impacts**
 - Staff reductions at National Laboratories
 - Unable to proceed with NOvA (consider termination of project)
 - ILC & SRF R&D supported at a minimal level
- **FY 2009 Appropriation is pivotal**
 - Future of HEP Program will depend upon level of FY 2009 Appropriation
 - HEPAP (P5) Report is viewed as important for determining funding level

FY 2010 Budget Request to be submitted by New Administration

- DOE is developing plans for programs at different funding levels
- HEP will utilize HEPAP (P5) findings/recommendations in its plans

Changes in DOE HEP Office

New Positions

Facility Management Division Director	Deadline: June 4
Science /Technical/Planning Advisor	Deadline July 23
Program Manager Proton (fixed target) Research	To be advertised
Program Manager Non-Accelerator Research	To be advertised
Program Manager Instrumentation	To be advertised
(other positions now on hold)	

IPA/Detailees Arriving

Amber Boehnlein (FNAL)	April
Don Petravik (FNAL)	April
Ted Lavine (SLAC)	June
David Muller (SLAC)	July
Eli Rosenberg (Iowa State)	August-September

IPA/Detailees Departing

Craig Tull (LBNL)	March
Randy Johnson (Cincinnati)	August
Tom Ferbel (Rochester)	August

